

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (previously presented) An isolated or purified antibody that specifically binds to a nuclear matrix protein or an antigenic fragment thereof, wherein said nuclear matrix protein is present in cancerous bladder cells but absent in normal bladder cells, and wherein the nuclear matrix protein is BLCA-6 having a molecular weight of about 31 kD and a pI of about 8.00.

Claims 2-6 (withdrawn).

Claim 7 (cancelled).

Claims 8-9 (withdrawn).

Claim 10. (previously presented) The antibody of claim 1, wherein the antibody is directed against a peptide having an amino acid sequence of SEQ ID NO:4.

Claim 11. (original) An antibody of claim 1, wherein the antibody is a monoclonal antibody.

Claim 12 (cancelled).

Claims 13-18 (withdrawn).

Claim 19. (previously presented) The antibody of claim 1, wherein the antibody is an antibody fragment.

Claim 20. (previously presented) The antibody of claim 10, wherein the antibody is a monoclonal antibody.

Claim 21. (previously presented) The antibody of claim 10, wherein the antibody is an antibody fragment.

Claim 22. (previously presented) The antibody of claim 1, wherein the antibody is coupled to a therapeutic agent.

Claim 23. (previously presented) The antibody of claim 1, wherein the antibody is labeled with a radioisotope or paramagnetic isotope.

Claim 24. (previously presented) The antibody of claim 1, wherein the nuclear matrix protein is not elevated in subjects afflicted with cystitis.